

LABCON
WATER
TREATMENT
SYSTEM

laboratory

water treatment



 labcon
QUALITY • PRECISION • PERFORMANCE

labcon water treatment

LABCON WATER TREATMENT SYSTEM (LWTS) is a water softener, de-ioniser and filter all captured in one unit that requires virtually no maintenance or replacement parts.

Simply the best solution to scale, rust, corrosion and energy efficiency.

- No chemicals required – make huge savings
- Fewer shutdowns, less downtime
- No maintenance
- No replacement parts
- Big savings on water, fuel costs and electricity: 1mm scale = 10% more electricity usage
- No effluent
- Ecologically beneficial
- Increases lifetime of heating elements, pumps, electric valves

The LWTS has an inhibiting effect on algae, fungus and mildew growth. This is due to the 'sheeting' effect of the conditioned water, so it dries faster, even in hard-to-reach areas like enclosures and on watered plant leaves. Also, the ability of the LWTS to reduce the gaseous content of the water, i.e. chlorides and nitrogen. Algae requires nitrogen, phosphorous and sunlight for growth. By reducing the nitrogen content, the LWTS reduces the nutrient supply of the algae. And because of the 'wetter water' effect, the LWTS is essential for laboratory areas. This is because when the H₂O molecules break into smaller groupings the soaps/detergents do the same, leading to increased surface area, which comes into contact with the grease, oil, dirt and other contaminants, thereby requiring less cleaning medium to do the job.

Machinery, holding tanks, etc, can be maintained free of scale and rust without the risk of contamination of cleaning with chemicals. Only soft, healthy LWTS water is needed. What's more, LWTS water characteristically boils in a steadier, smoother pattern than unconditioned water. This means more controlled boiling and boiling times. LWTS even lowers the boiling point of water, resulting in another saving: electricity.

Part No.	Size	Flow Rate	Connection
F624A	1/2" BSP	5 - 18 Lt / min	BSP Thread
F624B	3/4" BSP	10 - 35 Lt / min	BSP Thread
F624B-2	3/4" BSP	18 - 80 Lt / min	BSP Thread
F624C	1" BSP	33 - 98 Lt / min	BSP Thread

Every effort has been taken to ensure the accuracy of this specification. However, due to continuous development and improvement the goods supplied may vary in detail from those described or illustrated.



LABCON LABORATORY EQUIPMENT (PTY)LTD

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